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Amendments to the Specification

Please amend the paragraph at page 8, lines 7-18, in the following manner:

Figure 14 is a flowchart of image determination processing (S1204). First, as shown in Figure 15, the barycenter 1501 of the body region extracted in S1203 is calculated (S1401). Then, an ellipse 1502 is set so as to be tangent to a peripheral edge on the abdominal side of the body region (S1402). Then, a navel region 1503 is searched for based on the area of a region between the peripheral edge on the abdominal side of the body region and the external tangent ellipse 1502 with attention to a range of an angle θ in a predetermined direction around the barycenter 1501 (S1403). Then, threshold processing is performed using a threshold preset so as to allow recognition of air to recognize an air region in the body region (S1404). Then, only when the navel region 1503 is identified in S1403, and the air region recognized in S1404 is within a predetermined percentage in the body region, it is determined that the image of interest is suitable for the body adipose measurement (S1405).

Please amend the paragraph bridging pages 8 and 9, in the following manner:

Figure 18 is a flowchart of the unnecessary region removal processing (S1206). The region obtained by removing the subcutaneous adipose region recognized in S1205 from the total body adipose region recognized in S1203 (S303) is a visceral adipose candidate region. A density gradient value of the CT value is calculated in the visceral adipose candidate region (S1801). Then, threshold processing of the density gradient value is performed at an upper limit value and a lower limit value to extract a region with large dispersion in the CT values such as feces remaining in intestine (S1802). Then, a visceral adipose region is extracted by removing the muscle region 1701 extracted in S1601 and the region with large dispersion in the CT values extracted in S1802 from the visceral adipose candidate region, and the number of pixels in the visceral adipose region is counted to calculate the number of pixels of visceral adipose (S1803).